

IN THE SPECIFICATION:

On page 1, prior to line 4, please insert the following headings and paragraph:

--Cross-Reference to Related Applications

This application is for entry into the U.S. national phase under §371 for International Application No. PCT/IB02/02519 having an international filing date of July 1, 2002, and from which priority is claimed under all applicable sections of Title 35 of the United States Code including, but not limited to, Sections 120, 363 and 365(c).

Technical Field--

On page 1, prior to line 10, please insert the following heading:

--Background of the Invention--

On page 1, please amend the paragraph beginning at line 10 as follows:

--For connecting mobile electronic devices, like mobile telephones, car telephones, portable computers (laptop), handheld computers and the like with other mobile or stationary electronic devices different wireless communications technologies are used. For example, infrared technology is used for connecting mobile phones and handheld computers with each other.--

On page 1, please amend the paragraph beginning at line 16 as follows:

--For wireless networking, low power radio communications technologies have been developed like Apple-AirPort and Bluetooth.--

On page 1, please amend the paragraph beginning at line 19 as follows:

--For setting up a connection between two devices, the calling or source device has to know the device access code or address of the destination or device to be called. Therefore, in case that an electronic device including a short range radio communications module, in particular a

Bluetooth module, has to set-up a connection to another electronic device, the device access code or address of which is not known to the calling device, the source or calling device has to discover which devices are in range and what their device addresses are by means of an inquiry procedure. Thereafter, a desired destination or device to be called can be paged directly using the device access code of this device for setting up the connection.—

On page 2, please amend the paragraph beginning at line 8 as follows:

--The object of the present invention is to provide an improved method of establishing a connection between two electronic devices, in particular between a mobile device and a second device, that reduces the set-up time for establishing the connection significantly.--

On page 2, please delete the paragraph beginning at line 13 in its entirety as follows:

~~--This object is achieved by the method according to claim 1. Advantageous developments and refinements of the present invention are described in the depending claims.--~~

On page 2, please amend the paragraph beginning at line 17 as follows:

--For establishing a connection from a connecting mobile device to a second device, the present environment of the mobile device is determined for determining the address of the stationary device in dependence on the present environment of the mobile device. Then, the connection to the second device is set up using the address determined in the previous step. In this way, it is possible to reduce the set-up time significantly, since the lengthy inquiry procedure can be skipped if the device address is known in advance so that the procedure for setting up the connection can be performed directly.--

On page 3, please amend the paragraph beginning at line 33 as follows:

--To make it possible to connect a mobile device without a previous device discovery to a second device, upon selecting a connect function an advantageous refinement of the present

invention is characterized in that in case that only one device address is stored together with environment data corresponding to the present environment of the mobile device, a connection to this device is set up automatically. If this fails, because the device is not available, the user interface notifies the user accordingly and/or starts a device search and displays a list of truly available devices.--

On page 4, please amend the paragraph beginning at line 12 as follows:

--In case ~~[[that]]~~ the addressee of more than one device ~~addresses~~ are stored together with environment data corresponding to the present environment of the mobile device, a list of those devices is output to the user for selecting that stationary device that the user wants the mobile device to be connected to by the wireless communications module. Here it is ~~preferred~~ preferred that the devices are identified in a name format in the list output to the user.--

On page 4, please amend the paragraph beginning at line 19 as follows:

--According to another development of the present invention, it is provided that the present environment of the mobile device is determined by means of the present position of the mobile device.--

On page 4, please amend the paragraph beginning at line 23 as follows:

--For determining the present position of the mobile device, different methods can be used. However, according to a first development of the invention the present position of the mobile device is obtained by determining the position of the mobile device in a cellular radio communications network. This method, that e.g. evaluates the signals from one or more base stations, is of advantage in case that the mobile device is a mobile telephone or any other communications device using a cellular network.—

On page 7, please amend the paragraph beginning at line 21 as follows:

--If a user of a mobile device 10 adapted to work in accordance with the present invention wants the mobile device to be connected to a stationary device 20, e.g. a vending machine or a point-of-interest information server by means of the Bluetooth module 21, the mobile device 10 first obtains its current position from the positioning module 17 in step S10 as

shown in Figure 2. Then, it checks whether or not a device address, i.e. the address of the vending machine or the point-of-interest information server is stored together with the actual position of the mobile device 10 in step S20 for determining addresses DAC of devices in accordance with the current position of the mobile device. If there is a device address stored together with the current position or with a position closely related with the current position, this address is assumed to be the device address of the stationary device 20 in question.--

On page 7, please amend the paragraph beginning at line 24 as follows:

--Since positioning data for one and the same location might differ from time to time due to tolerances, it is of advantage to regard stored position data as equal to current position data if the difference between the stored data and the actual data is less than a predefined threshold value.--

On page 9, please amend the paragraph beginning at line 23 as follows:

--According to the present invention it is also possible to transmit the address and location information to the mobile device 10, without knowing or connecting the stationary devices 20 in advance. In this case, ~~[[that]]~~ when a user having a mobile device 10 adapted according to the present invention visits an exhibition consisting of different ~~pavillons~~ pavillions, some or each of which have/has stationary devices 20 adapted according to the present invention attached to them for informing visitors (so called Bluetooth information kiosks), it is possible that upon entering the exhibition premises, the user downloads a list of device addresses together with their location information. An application in the mobile device 10, e.g. a mobile phone, constantly monitors the user's position and once he/she comes close to a pavillion it automatically starts paging for the corresponding info kiosk and – if found – displays the info page of this pavillion (probably the user's device beeps and displays a message “display german pavillion page?” where the user has to “accept” or “cancel”). In this case, the position data and the device address DAC of the stationary device 20 are transmitted and stored independently from a connection between the mobile device 10 and the stationary device 20.—

On page 10, please amend the paragraph beginning at line 30 as follows:

--Although, the present invention has been ~~describ~~ described mainly in connection with stationary devices, i.e. devices that ~~[[does]]~~ do not change ~~[[its]]~~ location, wherein position data are used to determine the environment of these devices, the present invention is not restricted thereto. In particular, it is possible to determine the environment of a second device ~~[[form]]~~ from other parameters of a user's context like the users name, time of the day, the number connections to a certain device at a certain time of the day and the like.--